

1 JULY 1953
METEOROLOGICAL REGISTER

MONTHLY BULLETIN

OF
THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

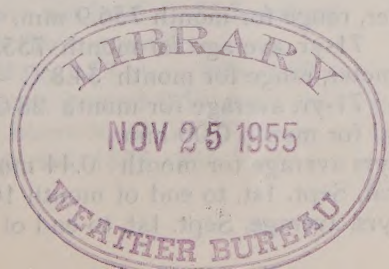
LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JULY 1953

ROBERT W. SLOANE, DIRECTOR

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Date	Barometer reduced to 0°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degrass Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	54.5	54.6	54.8	54.6	31.6	22.2	28.3	31.4	25.0	28.2
2	55.6	55.9	56.8	56.1	31.4	22.4	27.8	29.4	24.4	27.2
3	56.9	56.5	56.7	56.7	31.3	22.8	27.8	31.1	24.7	27.9
4	56.0	55.3	55.0	55.4	31.3	24.4	27.9	30.4	25.9	28.1
5	54.2	53.7	53.7	53.9	31.3	24.1	28.3	31.1	25.7	28.4
6	52.4	51.9	52.4	52.2	31.1	24.2	28.5	30.6	25.6	28.2
7	53.6	53.8	54.4	53.9	31.0	23.2	27.9	30.6	24.9	27.8
8	54.5	54.8	54.9	54.7	31.3	22.7	27.8	31.3	25.7	28.3
9	52.7	54.7	54.9	54.1	31.7	22.5	28.2	31.3	25.1	28.2
10	55.5	55.7	56.3	55.8	31.4	23.2	28.3	31.1	25.2	28.2
11	56.3	55.7	55.6	55.9	31.8	24.3	28.0	31.5	26.1	28.5
12	54.8	54.7	54.7	54.7	32.0	24.6	28.1	31.1	26.4	28.5
13	54.3	54.4	54.4	54.4	31.4	25.0	28.3	31.1	26.4	28.6
14	55.2	55.4	55.7	55.4	31.7	23.7	28.3	31.1	26.0	28.5
15	55.8	55.1	54.4	55.1	32.0	23.8	28.6	31.7	26.1	28.8
16	53.8	53.1	53.0	53.3	32.6	24.4	28.3	32.4	26.7	29.1
17	53.9	53.9	54.8	54.2	33.4	24.9	29.2	33.3	26.8	29.8
18	55.6	56.4	56.9	56.3	33.1	25.6	30.6	31.6	26.8	29.7
19	56.0	56.5	56.9	56.5	34.8	25.8	30.9	32.0	27.3	30.1
20	55.4	55.2	54.6	55.1	34.6	26.1	31.6	32.4	28.1	30.7
21	54.3	53.8	53.7	53.9	33.8	25.6	30.9	31.4	27.1	29.8
22	54.5	54.4	54.5	54.5	33.3	25.9	29.9	31.3	27.9	29.7
23	54.9	55.1	54.7	54.9	33.8	25.4	30.6	33.7	27.8	30.7
24	54.1	53.3	53.7	53.7	33.3	25.9	30.2	32.5	27.7	30.1
25	52.9	52.5	52.4	52.6	32.6	25.3	29.4	32.2	27.4	29.7
26	52.7	52.9	52.9	52.8	33.8	24.9	29.7	33.8	27.5	30.3
27	53.5	53.4	53.3	53.4	32.6	25.7	29.3	32.2	27.6	29.7
28	52.6	52.9	53.2	52.9	33.0	25.8	29.1	32.8	27.8	29.9
29	53.1	53.5	54.3	53.6	32.6	24.8	29.2	31.9	27.3	29.5
30	54.8	54.8	54.9	54.8	33.6	25.4	29.4	33.1	27.4	30.0
31	54.6	54.0	54.4	54.3	32.6	24.4	28.9	32.3	27.1	29.4
	54.48	54.45	54.61	54.51	32.44	24.48	29.01	31.73	26.50	29.08

Barometer, range for month 756.9 mm. — 751.9 mm.

„ 71-yr. average for month 755.46 mm.

Thermometer, range for month 34.8°C — 22.2°C

„ 71-yr. average for month 28.02°C

Rain total for month 0.00 mm.

„ 71-yrs average for month 0.44 mm.

„ Total, Sept. 1st. to end of month 1060.92 mm.

„ 71-yrs. average. Sept. 1st. to end of month 891.85mm.

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Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	25.4	23.9	25.3	24.9	67	52	80	66	11.6	192.0	
2	23.7	22.4	23.0	23.0	64	54	75	64	11.6	92.0	
3	25.8	25.3	24.4	25.2	69	56	79	68	10.7	301.0	
4	25.8	26.5	23.7	25.3	69	60	69	66	12.4	639.0	
5	23.3	26.8	24.8	25.0	61	59	76	65	11.7	666.0	
6	22.4	25.8	24.1	24.1	59	58	73	63	12.1	539.0	
7	23.7	24.3	23.3	23.8	64	55	73	64	11.5	515.0	
8	25.8	26.8	26.9	26.5	69	59	83	70	12.2	414.0	
9	25.4	26.8	24.6	25.6	67	59	79	68	12.2	217.0	
10	25.4	26.1	26.0	25.8	65	58	82	68	11.6	293.0	
11	26.5	27.9	27.9	27.4	70	59	81	70	11.1	349.0	
12	25.8	26.8	26.5	26.4	70	60	79	70	11.2	513.0	
13	26.8	28.3	28.6	27.9	70	63	85	73	11.0	706.0	
14	27.5	29.1	27.9	28.2	71	65	83	73	11.4	515.0	
15	24.7	25.6	27.7	26.0	65	54	76	65	11.3	90.0	
16	27.5	29.0	28.9	28.5	71	61	83	72	11.0	77.0	
17	27.8	28.1	28.9	28.3	70	55	83	69	11.1	69.0	
18	31.9	29.4	28.9	30.1	72	63	83	73	12.1	100.0	
19	33.8	29.0	29.9	30.9	74	60	82	72	12.2	48.0	
20	31.8	23.7	27.3	27.6	68	50	74	64	12.1	34.0	
21	29.9	32.6	28.4	30.3	67	69	79	72	12.2	55.0	
22	30.0	29.9	31.0	30.3	72	66	82	73	12.5	47.0	
23	31.9	31.2	27.3	30.1	72	61	74	69	12.6	550.0	
24	27.7	29.7	29.5	29.0	65	61	80	69	11.3	531.0	
25	25.9	26.7	27.0	26.5	62	56	76	64	11.8	171.0	
26	26.7	26.5	26.3	26.5	65	52	74	64	11.4	167.0	
27	27.1	29.0	28.4	28.2	68	61	79	69	11.6	517.0	
28	27.1	31.2	29.5	29.3	68	61	79	69	11.6	496.0	
29	29.6	28.6	27.7	28.6	73	61	77	70	11.8	404.0	
30	28.1	29.6	27.0	28.2	68	58	76	67	11.7	296.0	
31	28.6	27.4	26.3	27.4	72	58	74	68	12.0	304.0	
	27.21	27.55	27.00	27.25	68.0	58.8	78.3	68.3	11.70	319.58	0.00

Height of Barometer above sea level : 33.7 meters.

" " Thermometers above ground :

Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.

Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T

71 year averages are for period, 1875-1945

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Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	2sw	3sw	1sw	light	
2	0	0	0	0.0	1sw	1nw	1w	"	
3	6cu	0	0	2.0	1sw	2sw	1w	"	
4	0	0	0	0.0	2sw	3sw	1nw	"	
5	3cu	1cu	1cu	1.7	4sw	3sw	3sw	"	
6	0	6cu	0	2.0	2sw	2sw	3sw	light	
7	8cu-st	3cu-st	0	3.7	2sw	2sw	1sw	"	H., all day
8	2cu-st	3cu	0	1.7	2sw	3sw	1sw	"	H. all day
9	0	8cu	0	2.7	2sw	3sw	1sw	"	H., a.m.
10	0	1cu	0	0.3	1w	2sw	1sw	"	
11	0	0	0	0.0	2sw	2sw	1w	light	H., all day
12	0	3cu	0	1.0	3sw	2sw	1sw	"	
13	0	0	0	0.0	3sw	3sw	3sw	"	H., all day
14	0	0	0	0.0	4sw	3sw	1sw	"	H., all day
15	0	0	0	0.0	2sw	2nw	2nw	"	H., p.m.
16	0	0	3cu-st	1.0	1sw	1w	1w	light	H., all day
17	0	0	0	0.0	1w	1sw	0	"	
18	0	0	0	0.0	1sw	1nw	1nw	"	H., all day
19	0	0	0	0.0	1sw	1w	1nw	"	
20	0	0	0	0.0	1sw	1nw	1w	"	
21	0	0	0	0.0	1sw	1n	0	light	
22	1cu	0	0	0.3	1sw	1n	1n	"	
23	0	3cu	0	1.0	1sw	1w	3sw	"	
24	2cu	0	0	0.7	3sw	2sw	3sw	"	H., all day
25	1cu	0	0	0.3	2sw	2w	1w	"	H., all day
26	0	8cu-st	0	2.7	1sw	1nw	1sw	light	
27	0	1cu	0	0.3	1sw	2sw	1w	"	
28	0	0	0	0.0	3sw	2sw	2sw	"	H., all day
29	0	1cu	0	0.3	2sw	2sw	1sw	"	H., all day
30	0	4cu	0	1.3	2sw	2sw	1sw	"	H., all day
31	0	5cu	0	1.7	2sw	3sw	1sw	"	H., all day
mean				0.80					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	0	0	0	29	2	0	0	31
14:30	2	0	0	0	0	20	4	5	0	31
20:30	1	0	0	0	0	17	7	4	2	31
Total	3	0	0	0	0	66	13	9	2	93

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.
71 yr. av. number of days with rain during month 0.17